

WHAT IS CLAIMED IS:

1. An apparatus for cleaning a moving surface having toner particles thereon, comprising:

    a housing defining an open ended chamber;

    means, disposed in the chamber of said housing with a portion thereof extending outwardly from the open end of the chamber of said housing into contact with the surface, for cleaning toner particles therefrom, said removed particles moving away from said cleaning means;

    means for lubricating said cleaning means, said lubricating means located downstream from said cleaning means, in a direction of motion of the surface, said lubricating means collecting and transporting toner particles from a center portion of said moving surface to both end portion of said moving surface; and

    an auger, located downstream from said cleaning means and said lubricating means, in the direction of motion of the surface, collecting the toner particles that escape from said lubricating means.

2. An apparatus as recited in claim 1, wherein said cleaning means comprises a blade.

3. An apparatus as recited in claim 2, wherein said lubricating means comprises a brush.

4. An apparatus as recited in claim 3, wherein said brush comprises brush pile located on a brush core forms auger flutes that collects and transports toner.

5. An apparatus as recited in claim 3, wherein said brush is rotatably mounted.

6. An apparatus as recited in claim 5, wherein said brush rotates in a same direction as the direction of motion of the surface.

7. An apparatus as recited in claim 3, wherein said brush contacts the surface to continuously supply and transport the collected toner particles to the surface to lubricate said blade.